



Rapture



30.2m (99'1") SOUTHERN WIND SHIPYARDS

LOA: 30.2m (99'1")
Beam: 6.7m (22')
Draft: Min 4.0m (13')
Speed: 10 knots @1800 rpm

Year: Mfg-2007 Model-2007
Refit-2011
Mfg: SOUTHERN WIND
SHIPYARDS
Type: Cruising/Racing Sailboat
Price: approx. (9,621,000) USD
6,750,000 EUR

Location: Palma, Spain

Additional Specifications For Rapture:

LOA:	30.2m (99'1")	Year:	Mfg-2007 Model-2007
Mfg. Length:	30.2m (99'1")		Refit-2011
LWL:	26.4m (86'7")	Mfg:	SOUTHERN WIND
LOD:			SHIPYARDS
Beam:	6.7m (22')	Model:	SWS 100
Draft:	Min 4.0m (13')	Type:	Cruising/Racing Sailboat
Hull Mtrl:	Advanced Composites	Rig:	Sloop/Cutter
Hull Cnfg.:	Fin & Bulb	Cockpit:	Center & Aft
Hull Designer:	Farr Yacht Design Ltd	Speed:	10 knots @1800 rpm
Deck Mtrl:	Teak	Engines:	1xCummins
Disp:	60000 kg (132276 lb)		QSB 5.9 MCD
Ballast Weight:	22800kg (50264.88)		390 HP , 4346hrs
Ballast Type:	Lead	Engines Year:	2007
Range:	2800	Staterooms:	4
Int Designer:	Nauta Yacht Design	Sleeps:	8
Ext Designer:	Farr Yacht Design Ltd	Heads:	4
Fuel Cap:	4600 l (1215 g)	Crew Quarters:	2
Water Cap:	2100 l (555 g)	Crew Berths:	4
Holding Tank:	700 l (184.94 g)	Captain Cabin:	No
Flag:	U.K.	Classifications:	R.I.NA
Location:	Palma, Spain	Class Type:	100-A-1.1-"Y" Class
		MCA:	
		ISM:	
		Price:	approx. (9,621,000) USD 6,750,000 EUR

Accommodations

The Ultimate performance cruising yacht incorporating an intelligent and voluminous interior arrangement by NAUTA Yacht Design in a high tech advanced composite carbon epoxy structure. All furniture and floors finished using high grade teak veneer over light weight cored sandwich construction. Headroom through interior is excellent and there is a light and open ambiance to the interior.

Master Stateroom is forward and full beam with excellent natural light and ventilation. Master Head compartment is forward with Grohe fixtures, double sinks in Corion countertop, Tecma head, and bath tube/shower shower to port.

The Master Stateroom includes a King size island berth with double settee on starboard side and desk/makeup table forward on port side. There are hull ports allowing light in on both sides

and 2 large opening deck hatches. Double hanging lockers Port and Starboard with ample drawers and locker storage. A safe is installed as well as a hidden rifle rack. The owner's stateroom has amazing spacious ambiance with exceptional headroom. Privacy door accesses the owner's study/office on starboard with bar fridge and icemaker, TV and large desk/chair with open headroom into Saloon area.

Guest Stateroom #1 is to port of the Owner's study and has a queen size berth with head/shower and hull port and double overhead opening ports.

The Saloon is up 3 steps and includes superb visibility on 3 sides while longing or dinning. U shaped settee lounge area to starboard and large dinning table with room for 8 to port. A bar with glassware and fridge is aft to port. The large saloon windows have shade blinds and sun protection. A large 42" flat screen HD TV is fitted in the saloon with surround sound home movie system.

Down 3 steps aft access the engineroom under saloon through a watertight door. There are 2 large double guest cabins each with head and shower compartments aft of the saloon which are great cabins for use at sea and underway. Guest Cabin # 3 is to port with (2) single berths as well as guest cabin #4 to starboard also fitted with twin single berths. Both Cabins have pullman berths in addition to fixed berths. These cabins aft of the mast and saloon are exceedingly comfortable seagoing cabins.

Crew accommodations are aft in area of the hull that has ample volume and space. This allows for a large galley, 2 nice crew cabins, 2 heads with showers and a central crew mess. A dedicated navigation area with electronics and the ship's electrical panel is forward in this area.

This layout design has proven to be very successful with many modern yachts having a similar arrangement with crew living aft near the mechanical and operation areas of the yacht while the owner's area remains forward away from daily wear and tear. Additionally the owner/guest cabins are away from the noise of the winches and mechanical systems in an area of the yacht with Max headroom.

Hull

The Yacht's Hull is built on a female mold, infused with SP Systems epoxy resin. Sandwich construction with Kevlar and GRP outer skin, CORE-CELL foam core vacuum bagged and carbon fiber inner skin for a strong, light and stiff structure. (14) Bulkheads are Carbon fiber sandwich with (6) watertight bulkheads. All areas of hull penetration are solid laminate structures.

Deck structure is built on female mold vacuum bagged and infused Carbon laminates inner and outer skins with a foam core. Carbon / e-glass structural beam network between bulkheads. Deckhouse is built of carbon fiber.

Hull is finished with epoxy fairing compound and Awlgrip white paint. Decks are also Awlgrip painted and applied with 13mm teak decking.

Yacht was built to RINA A-1 classification with MCA compliance capable with minimal cost.

Engine /Mechanical Equipment

The Engineroom is located under the raised saloon and accessed from a watertight door aft of saloon. Fire and Acoustic protection using rockwool and lead sound sheeting to 80mm thickness painted white.

All machinery mounted on vibration dampeners. Bulkheads thru passages are made watertight . "soft patch" in saloon for major mechanical work.

Main Engine : CUMMINS QSB5.9 MCD 305 hp @ 2600 rpm equipped with (2) alternators.
Total hours as of October 2011 = 4346 Hrs.

- Engine panel mounted starboard side in cockpit
- REVERSO oil change pump system
- 4 blade Varifold Propellor
- ZF 301A gear box reduction ratio 2.90: 1.
- Shaft is 70mm TEMMET 22
- Aquadrive Uni-cardan coupling with thrust bearing
- Stern tube is Mannebar "deep-sea deal"
- Bronze "P" bracket

Fuel System:

(2) composite intergal fuel tanks built in hull bottom baffled and with inspection ports. Total volume is 4600 Liters Diesel fuel.

- San Giorgio Sein monitoring system
- S.S. 170 Liters day tank
- Fuel transfer pump ACB 61-R 24V , 20 L/Min.
- RACOR Centrifugal decanter filter
- RACOR Centrifugal filters with water alarm for Engine, both generators and day tank
- (2) diesel deck fills in recessed box on toerail

Plumbing Systems:

- Fresh water and saltwater systems are polyethylene Speedfit system
- Bilge water system is RINA approved ISO 7840 piping with metallic manifold valves
- Grey water piping is rigid PVC
- Black water piping is Vetus

- Shower sumps discharge overboard or into holding tanks
- (2) Raw water inlets GUIDI with sea strainers Bronze
- All through hull are Bronze
- All piping is well labelled as to type and flow direction.

Fresh water tanks are (2) composite integral to hull bottom and totalling 2100 Liters fitted with baffles and inspection ports. Tanks are located outboard of Saloon area and connected via hi-speed transfer pumps that allow transfer of water in 7 minutes from one tank to another - effectively used as water ballast.

- Manifold connects the tanks and watermaker and filters
- (2) central water pump Idrojet 3 70liters/min 24V with backup pump
- Deck distribution to mid deck and aft deck shower
- (2) Hot water heaters 80 liters each Sigmar 220V S.S.
- (2) 220V TECNICOMAR 180 L/H Water Makers-
- San Giorgio Sein level monitoring system

Seawater system includes a Coppernickel manifold with valves for

- Main engine
- Generators
- Sea water pump autoclave
- air conditioning
- watermakers
- Fire fighting pump

Black water system:

System includes (2) composite tanks with internal wash baffles, inspection ports and a total capacity of 720 Liters. Visual alarm and manual discharge switch. Each tank has a Macerator pump MV 44. Deck extraction fitting.

Heads are TECMA freshwater system toilets with saltwater option for long distance sailing water conservation.

Bilge System:

Bilge is divided into (6) compartments through vessel each equipped with a float alarm switch visible on main panel. Selector switch on panel allows selective activation of Bilge Pumps

- (2) Gianneschi & Ramacciotti 24V CP40/160 pump
- (1) Whale manual 30 gusher

Hydraulic System:

Max Power 2 x 13kW 24 V DC Pwer pack in engine room powering the following functions

- Seven (7) winches
- Two (2) furlers
- one (1) windlass
- one (1) retractable capstan
- one (1) Opening transom door
- one (1) anchor arm device

All functions can be operated via PTO on Generator

Bow Thruster is a Max Power R321/4 32.5 Hp. operated from hydraulic pump PTO from one generator. Toggle switch activated in cockpit via switch and on bow.

Electrical System

Ships Electrical system is 24/12V DC and 220V AC 50Hz:

24/12V DC system includes:

- **Ships service bank** is **1800 Amp 560Ah 24V** Gel type Batteries- bank is charged by Main engine 220V alternator, (2) Victron 100Amp chargers, or (2) Charger/Inverters Victron Combi 70Amp 24V / 2500 Watt.
- **24V Engine/Generator start system** includes Gel type 200 Ah 12V bank charged by Engine and Generator alternators.
- **Navigation Battery Bank** is Gel type 160Ah 12V in series charged by dedicated Victron 50A charger.

220V AC 50Hz system includes:

- Shore Power inlets (2) in transom and bow with one of each being dedicated to Air Conditioning. Galvanic insulator installed.
- Auxillary Generator #1 diesel ONAN 22.5 kW - **Hours 10/11= 3326 Hrs**
- Auxillary Generator #2 diesel ONAN 13.5 kW - **Hours 10/11= 2502 Hrs**
- Cathelco catodic protection system

Other Electrical Systems:

Refrigeration:

- Frigomar System
- (3) compressors 505/s, 24 VDC - 220 VAC 50-60Hz
- (3) panels with container levels, filters and electrovalves
- (1) electrical panel 220/24V switch

Air Conditioning/ Heating

- Frigomar system - central water circulation type with 2 x 3hp 220V AC compressors in engine room.
- Electronic climate controls in all area of yacht with LCD digital display.
- Fan Coils in all compartments with condensation water draining into grey water tanks

Deck Equipment

Deck layout arranged by SWS and Nauta Designs to allow for ease of use and efficient function.

All winches are HARKEN self - tailing:

Primary	(2)	1120.3 STA - 3 speed, Hydraulic
Main Sheet	(1)	1120.3 STA - 3 speed, Hydraulic
Secondary	(2)	1120.3 STA - 3 speed, Hydraulic
Traveller	(1)	70.2 STA - 2 Speed, Hydraulic
Halyard	(2)	980.2 STA - 3 Speed
Halyard/ reef	(2)	980.2 STA- 2 Speed, Hydraulic

Frederiksen deck Hardware- all blocks, travellers

Spinlock - Jammers

Antal - automatic winch switches

Anchoring system - a chain locker is situated foreward of the sail locker with direct drainage overboard.

- CQR 180 lb anchor with 120m, 14mm hi tensile chain
- Fortress spare Anchor FX125 37kg. stored in lazarette with 20m chain

Anchor operates on pivoting aluminum arm operated hydraulically and storing in chain locker.

- Maxwell 4500 hydraulicvertical capstan windlass with 14mm chain
- Sanguinetti hydraulic vertical retractable capstan

Aft deck

- Hydraulic retractable passerelle aft by Gandola
- Transom door opens hydraulically to create teak covered bathing platform

Aft and forward cockpit dodgers with SS frames recessed in cabin roof stowed when down.

Deck awning, cockpit cushions and covers.

Bauer Junior Dive compressor

Air Compressor for inflating fenders

Sails and Rigging

Nordic Mast standard modulous Carbon Fiber mast and wide profile boom. Painted white. Mast is a single peice prepreg Carbon structure.

- Fredricksen aluminum track fitted fro full battened mainsail
- Lazy Jacks
- Spinlock jammers
- Spreader lights facing up and fore/ aft
- Trysail track
- Mast jack with (2) hydr. cylinders and dedicated pump
- Prepreg Carbon "Park Avenue" type boom
- outhall hydraulic ram
- (3) reef internal sheaves
- Awning and cover grooves
- Genoa and staysail hydraulic halyard tensioners
- Carbon fiber Spinnaker pole mounted/storred on front of mast for easy use and access

Rig Dimensions:

- P: 35.5m
- E: 12.26
- J: 10.75
- FL: 37.7

Standing rigging :

FUTURE FIBREs serviced/replaced in 2011 including:

V 1

Backstays

Forestay

Innerforestay

Running Backstays

Runners are Aramid

Reckmann Carbon headstay foil

Hydraulic System NAVTEC is a double speed, four function system

- Backstay- (2) cylinders split backstays
- Boom Vang
- Outhaul
- Inner forestay
- Genoa car adjuster

Hydraulic halyard tensioners

Sail Furlers RECKMANN

- Headsail RF90-4 (R6 profile) Hydraulic
- Inner Forestay RF90-3 manual
- control buttons in cockpit

Sails: All sails in good condition :

EVOLUTION Cruising sails include fully battened Mainsail, furling headsail, staysail.

QUANTUM racing inventory:

Staysail,

Headsail,

Fully Battened Mainsail (2008),

Spinnakers include .5 oz, 1.0 oz, 1.5 oz, 3.0 oz and 5.0 oz.

Audio And Visual Equipment

Audio - Visual systems:

(6) SAMSUNG mastersync Monitors

(1) DENON av Receiver w/ Ipod doc in Saloon

(4) DENON ipod docks in Master and Guest cabins

(4) DENON s-301 region free DVD av input systems with Sub woofers

ONKYO DVD player in saloon

SAMSUNG 40 inch LE40R7 TV in Saloon

Speakers mounted in all areas of the yacht and cockpit with selector

Electronics and Navigational Equipment

Equipment as installed:

- RADAR - FURUNO 1934C BB 48NM w/ARP- PC Monitor
- RADAR - FURUNO GD 1720C display on pedestal
- SSB Radio- ICOM 801E
- SSB weatherfax
- VHF- ICOM 603
- MOB- Wavefinder
- AUTOPILOT- AP 25 (pedestal), AP26 Nav, 2 x AC20
- MiniC - TT3026D

- AIS - Max Sea AIS with spreader antennae
- GPS #1 - Leica
- GPS # 2- Navnet
- B & G Hydra 2000 Pack
- B & G Gyro Compass
- B & G 20/20 displays
- B & G FFD X2
- B & G GFD X2
- B & G wind sensor carbon
- B & G sonic speed
- B & G depth
- B & G GFD repeaters X6 in cabins
- Telephone system
- Satellite communications - FLEET 55
- Computer- PC at Nav
- WiFi network

Tenders

Tender and Outboard:

AVON 4.5 meter Adventurer with Yamaha 60hp O/B motor.
(new) ZODIAC 13 ft. crew tender soft bottom type with Yamaha 15 hp

Remarks

RAPTURE is now available for sale after a successful circumnavigation in 2009-2010. Original build captain has Always maintained and improved condition and systems. Participated in several notable regattas including Sydney-Hobart, Middle Sea Race, Loro Piana Regatta and Heinekken Regatta.

Great opportunity to own one of the successful SWS 100 series yachts optimized by knowledgeable Captain and Owner. Ideal charter layout and/or family world cruising yacht. Designed to give superb Performance, owner and crew comfort, and high a level of safety.

Located in Palma de Mallorca, Spain currently with delivery to Caribbean for winter 2012 season and New England summer 2012.

Looking Fwd



Saloon looking aft



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Looking Fwd



Master looking aft



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Office/Study



VIP



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Guest Cabin aft of saloon



Master Head



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Other



Deck Sunning area



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Cockpit



Transom Open



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At Anchor



Other



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Layout

